# Unit 2 Practice Questions – THE CINEMA CHAIN

## Part A Set Task Brief

You are advised to spend 10 minutes reading the Task Scenario and the activities you are to complete.

You may make notes and/or highlight information to use in the completion of the documents you need to produce for your task.

## Scenario

You have been asked to create a database for the East Berkshire Cinema Multiplex. Currently all records are stored on a spreadsheet.

The Cinema would like to be able to store and report data on how the cinema is used. The cinema has two screens, one has 500 seats, the other has 400 seats

The cinema has several films showing and it records the different types of film.

Films belong to categories U, PG, 12, 15 and 18.

When people go to the cinema booking system they can:

- Pick the Screen Name and Film Title
- Pick the date of the performance
- Book tickets. The minimum number booked is 1 and the maximum booked is 5
- Pick the seat type – standard seating is £10, Luxury seating is £15, Premium is £20

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## The Cinema Chain Sample Data

| BookingID | ScreenID | FilmID | Booking Date | Film Title | Film rating | Screen Seats | Screen Name | Num Tickets | Seat ID | Seat Type | Seat Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 1 | 27 | 21/07/2020 | Jaws | PG | 500 | A | 4 | 1 | Standard | £10 |
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*Figure 1 Sample Data for the Cinema Chain*

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## Activity 2: Table structures and validation (45 minutes)

Create efficient table structures based on Activity 1 and the data shown in Figure 1.

The table structures must use suitable validation to meet these requirements:

- a film record will not save without the title and rating being present
- a film record rating can only be U, PG, 12 15 and 18.

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Input the data given in Figure 1 into your relational database.

Evidence your table structures and validation as screen prints. You can use the provided template if you wish.

Display your screenprints to show:

- the design view of each table showing the structure, including the fields and data types
- validation including a suitable example for each of these:
  - presence check
  - length check
  - value lookup or range check
  - table lookup

You are advised to spend **45 minutes on this activity.**

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